

## **ABSTRACT**

A set of new printing functions are implemented as defining commands to make it possible to add graphic effects to a printout of a POS printer. These functions are based on a method of designating usually cyclically re-occurring byte strings, usually text in receipts, to act as triggers to launch the graphics function. These functions include optionally eliminating some text, adding graphic surrounds about designated lines, changing the color of designated lines, and inserting logos between or merging logos with text. Such usage need not make any changes to existing store lane checkout applications. Configuring new custom commands in POS printers permits defining byte string triggers occurring in receipt text that are used to trigger adding graphics to the receipt output.